

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-156920

(43)Date of publication of application : 31.05.2002

(51)Int.Cl.

G09F 9/00  
G06F 3/033  
H01H 13/02  
H01H 13/70  
H05B 33/14

(21)Application number : 2001-013722

(71)Applicant : NITTO DENKO CORP

(22)Date of filing : 22.01.2001

(72)Inventor : NOGUCHI TOMOISA  
UMEMOTO SEIJI  
MIYATAKE MINORU  
SUGAWARA HIDEO  
ANDO TAKEHIKO

(30)Priority

Priority number : 2000268762 Priority date : 05.09.2000 Priority country : JP

(54) EL DISPLAY DEVICE WITH TOUCH PANEL

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an EL display device with touch panel which enables to excellently display even under external light.

SOLUTION: This EL display device with touch panel uses an EL element therein and is constituted by laminating the polarizer 111, wavelength plates 112, 113, a touch panel 120 and an EL display part 130 in order from the outside.

